Abstract of the Disclosure

A disk array control apparatus determines whether or not a I/O
process request from a host computer is causing a cache hit at
a disk cache memory. The apparatus identifies the I/O process
request as either high priority task or low priority task. The
apparatus calculates a cache hit ratio.   The apparatus executes
only the high priority tasks when the cache hit ratio is high
and executes both the high priority tasks and the low priority
tasks when the cache hit ratio is low.

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